

HEATED DEVICE AND METHOD OF REDUNDANT TEMPERATURE SENSING

Abstract of the Disclosure

A device for carrying a heated liquid, and controlling the temperature of the heated liquid includes a liquid conveying element including a passage for carrying the heated liquid. First and second temperature sensing devices are operatively associated with the liquid conveying element to sense the temperature of the heated liquid. A controller is actively connected to the first temperature sensing device. The first temperature sensing device thereby senses the temperature of the heated liquid in the passage and conveys the temperature information or readings to the controller for use in the heater control. The second temperature sensing device is capable of being actively connected to the controller upon failure or malfunction of the first temperature sensing device.